

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,189,427 B2  
APPLICATION NO. : 10/774583  
DATED : March 13, 2007  
INVENTOR(S) : Toshihiko Takeda et al.

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 4:

Line 39, "step." should read --step--.

COLUMN 8:

Line 67, "non uniformity" should read --nonuniformity--.

COLUMN 9:

Line 7, "stay" should read --keep--;  
Line 23, "stay" should read --keep--; and  
Line 39, "alumna," should read --alumina,--.

COLUMN 12:

Line 25, "different" should read --differs--; and  
Line 62, "almost" should read --so as to be almost--.

COLUMN 14:

Line 40, "the." should read --the--.

COLUMN 15:

Line 26, "pastes" should read --paste--; and  
Line 59, "(1x10<sub>3</sub>" should read --(1x10<sup>-3</sup>--.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 18:

Line 36, "pa" should read --Pa--,

COLUMN 21:

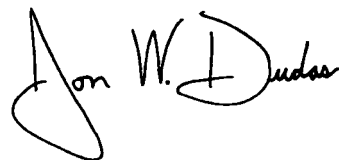
Line 29, "pastes" should read --paste--; and  
Line 41, "was" should read --were--.

COLUMN 27:

Line 56, "that" should read --that were--.

Signed and Sealed this

Twentieth Day of May, 2008

A handwritten signature in black ink, reading "Jon W. Dudas". The signature is stylized, with a large, looped initial "J" and a cursive "Dudas".

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*